

Section 2

Pre-Blue Book
Coordinate Listing
(C)

**CLINTON COUNTY MONUMENTATION PROJECT
 PRE – BLUEBOOK COORDINATE LISTING
 HORIZONTAL DATUM: NAD 83 (1995)
 VERTICAL DATUM: NAVD 88
 MAY 2000**

Station Name: 1001

Latitude (dms) N 39 34 16.09420
 Longitude (dms) W 83 58 49.59339
 Orthometric Height in meters 281.869
 Orthometric Height in US survey ft 924.765
 State Plane Zone: OHS3402
 Easting (X) in meters 472805.153
 Northing(Y) in meters 175460.548
 Easting (X) in US survey ft 1551194.906
 Northing(Y) in US survey ft 575656.815
 Easting (X) in international ft 1551198.009
 Northing(Y) in international ft 575657.966
 Scale .99994120
 Convergence (dms) 0-56 21.73000
 Geoid Undulation in meters -33.074

Station Name: 1003

Latitude (dms) N 39 33 16.68827
 Longitude (dms) W 83 44 28.14611
 Orthometric Height in meters 318.041
 Orthometric Height in US survey ft 1043.439
 State Plane Zone: OHS3402
 Easting (X) in meters 493337.655
 Northing(Y) in meters 173318.884
 Easting (X) in US survey ft 1618558.623
 Northing(Y) in US survey ft 568630.372
 Easting (X) in international ft 1618561.860
 Northing(Y) in international ft 568631.509
 Scale .99994030
 Convergence (dms) 0-47 15.13000
 Geoid Undulation in meters -32.748

Station Name: 1002

Latitude (dms) N 39 33 40.86137
 Longitude (dms) W 83 50 52.06155
 Orthometric Height in meters 307.154
 Orthometric Height in US survey ft 1007.721
 State Plane Zone: OHS3402
 Easting (X) in meters 484184.712
 Northing(Y) in meters 174195.651
 Easting (X) in US survey ft 1588529.343
 Northing(Y) in US survey ft 571506.898
 Easting (X) in international ft 1588532.520
 Northing(Y) in international ft 571508.041
 Scale .99994060
 Convergence (dms) 0-51 18.73000
 Geoid Undulation in meters -32.905

Station Name: 1004

Latitude (dms) N 39 32 50.48470
 Longitude (dms) W 83 37 19.36496
 Orthometric Height in meters 314.301
 Orthometric Height in US survey ft 1031.169
 State Plane Zone: OHS3402
 Easting (X) in meters 503562.804
 Northing(Y) in meters 172376.921
 Easting (X) in US survey ft 1652105.633
 Northing(Y) in US survey ft 565539.948
 Easting (X) in international ft 1652108.937
 Northing(Y) in international ft 565541.079
 Scale .99993990
 Convergence (dms) 0-42 43.06000
 Geoid Undulation in meters -32.507

Station Name: 1005

Latitude (dms) N 39 27 23.05304
Longitude (dms) W 83 35 13.62546
Orthometric Height in meters 320.155
Orthometric Height in US survey ft 1050.375
State Plane Zone: OHS3402
Easting (X) in meters 506443.042
Northing(Y) in meters 162243.466
Easting (X) in US survey ft 1661555.214
Northing(Y) in US survey ft 532293.771
Easting (X) in international ft 1661558.537
Northing(Y) in international ft 532294.836
Scale .99993670
Convergence (dms) 0-41 23.27000
Geoid Undulation in meters -32.391

Station Name: 1006

Latitude (dms) N 39 22 49.03822
Longitude (dms) W 83 35 39.12659
Orthometric Height in meters 320.973
Orthometric Height in US survey ft 1053.059
State Plane Zone: OHS3402
Easting (X) in meters 505731.063
Northing(Y) in meters 153801.412
Easting (X) in US survey ft 1659219.329
Northing(Y) in US survey ft 504596.799
Easting (X) in international ft 1659222.648
Northing(Y) in international ft 504597.808
Scale .99993590
Convergence (dms) 0-41 39.45000
Geoid Undulation in meters -32.465

Station Name: 1007

Latitude (dms) N 39 20 22.06930
Longitude (dms) W 83 40 15.99020
Orthometric Height in meters 353.543
Orthometric Height in US survey ft 1159.916
State Plane Zone: OHS3402
Easting (X) in meters 499046.903
Northing(Y) in meters 149352.739
Easting (X) in US survey ft 1637289.714
Northing(Y) in US survey ft 490001.445
Easting (X) in international ft 1637292.989
Northing(Y) in international ft 490002.425
Scale .99993620
Convergence (dms) 0-44 35.13000
Geoid Undulation in meters -32.581

Station Name: 1008

Latitude (dms) N 39 20 1.43017
Longitude (dms) W 83 40 52.06337
Orthometric Height in meters 353.640
Orthometric Height in US survey ft 1160.234
State Plane Zone: OHS3402
Easting (X) in meters 498174.844
Northing(Y) in meters 148727.585
Easting (X) in US survey ft 1634428.634
Northing(Y) in US survey ft 487950.418
Easting (X) in international ft 1634431.903
Northing(Y) in international ft 487951.394
Scale .99993630
Convergence (dms) 0-44 58.02000
Geoid Undulation in meters -32.599

Station Name: 1009

Latitude (dms) N 39 15 24.92346
Longitude (dms) W 83 50 15.02410
Orthometric Height in meters 307.378
Orthometric Height in US survey ft 1008.456
State Plane Zone: OHS3402
Easting (X) in meters 484568.126
Northing(Y) in meters 140389.824
Easting (X) in US survey ft 1589787.260
Northing(Y) in US survey ft 460595.614
Easting (X) in international ft 1589790.440
Northing(Y) in international ft 460596.535
Scale .99993840
Convergence (dms) 0-50 55.23000
Geoid Undulation in meters -32.997

Station Name: 1010

Latitude (dms) N 39 15 12.63727
Longitude (dms) W 83 53 53.85722
Orthometric Height in meters 302.232
Orthometric Height in US survey ft 991.573
State Plane Zone: OHS3402
Easting (X) in meters 479316.524
Northing(Y) in meters 140090.472
Easting (X) in US survey ft 1572557.629
Northing(Y) in US survey ft 459613.490
Easting (X) in international ft 1572560.774
Northing(Y) in international ft 459614.409
Scale .99993850
Convergence (dms) 0-53 14.08000
Geoid Undulation in meters -33.168

Station Name: 1011

Latitude (dms) N 39 15 25.22902
 Longitude (dms) W 84 0 6.37955
 Orthometric Height in meters 291.734
 Orthometric Height in US survey ft 957.131
 State Plane Zone: OHS3402
 Easting (X) in meters 470392.794
 Northing(Y) in meters 140622.127
 Easting (X) in US survey ft 1543280.358
 Northing(Y) in US survey ft 461357.762
 Easting (X) in international ft 1543283.445
 Northing(Y) in international ft 461358.684
 Scale .99993840
 Convergence (dms) 0-57 10.45000
 Geoid Undulation in meters -33.418

Station Name: 1012

Latitude (dms) N 39 16 37.02426
 Longitude (dms) W 83 58 32.47049
 Orthometric Height in meters 293.786
 Orthometric Height in US survey ft 963.863
 State Plane Zone: OHS3402
 Easting (X) in meters 472680.055
 Northing(Y) in meters 142798.675
 Easting (X) in US survey ft 1550784.480
 Northing(Y) in US survey ft 468498.653
 Easting (X) in international ft 1550787.582
 Northing(Y) in international ft 468499.590
 Scale .99993770
 Convergence (dms) 0-56 10.87000
 Geoid Undulation in meters -33.326

Station Name: 1013

Latitude (dms) N 39 18 28.64236
 Longitude (dms) W 83 59 16.41924
 Orthometric Height in meters 295.129
 Orthometric Height in US survey ft 968.269
 State Plane Zone: OHS3402
 Easting (X) in meters 471683.577
 Northing(Y) in meters 146257.487
 Easting (X) in US survey ft 1547515.202
 Northing(Y) in US survey ft 479846.439
 Easting (X) in international ft 1547518.297
 Northing(Y) in international ft 479847.398
 Scale .99993680
 Convergence (dms) 0-56 38.75000
 Geoid Undulation in meters -33.310

Station Name: 1014

Latitude (dms) N 39 24 15.76731
 Longitude (dms) W 83 58 28.63783
 Orthometric Height in meters 245.246
 Orthometric Height in US survey ft 804.611
 State Plane Zone: OHS3402
 Easting (X) in meters 473002.912
 Northing(Y) in meters 156941.767
 Easting (X) in US survey ft 1551843.720
 Northing(Y) in US survey ft 514899.781
 Easting (X) in international ft 1551846.824
 Northing(Y) in international ft 514900.810
 Scale .99993600
 Convergence (dms) 0-56 8.43000
 Geoid Undulation in meters -33.161

Station Name: 1015

Latitude (dms) N 39 29 4.30563
 Longitude (dms) W 83 56 11.02654
 Orthometric Height in meters 305.968
 Orthometric Height in US survey ft 1003.830
 State Plane Zone: OHS3402
 Easting (X) in meters 476436.205
 Northing(Y) in meters 165785.532
 Easting (X) in US survey ft 1563107.783
 Northing(Y) in US survey ft 543914.700
 Easting (X) in international ft 1563110.909
 Northing(Y) in international ft 543915.787
 Scale .99993740
 Convergence (dms) 0-54 41.12000
 Geoid Undulation in meters -33.019

Station Name: 1016

Latitude (dms) N 39 31 27.63327
 Longitude (dms) W 83 50 47.79462
 Orthometric Height in meters 312.856
 Orthometric Height in US survey ft 1026.428
 State Plane Zone: OHS3402
 Easting (X) in meters 484225.285
 Northing(Y) in meters 170086.012
 Easting (X) in US survey ft 1588662.456
 Northing(Y) in US survey ft 558023.858
 Easting (X) in international ft 1588665.633
 Northing(Y) in international ft 558024.974
 Scale .99993890
 Convergence (dms) 0-51 16.02000
 Geoid Undulation in meters -32.880

Station Name: 1017

Latitude (dms) N 39 28 17.81068
 Longitude (dms) W 83 53 8.74309
 Orthometric Height in meters 295.169
 Orthometric Height in US survey ft 968.400
 State Plane Zone: OHS3402
 Easting (X) in meters 480769.590
 Northing(Y) in meters 164283.812
 Easting (X) in US survey ft 1577324.897
 Northing(Y) in US survey ft 538987.807
 Easting (X) in international ft 1577328.051
 Northing(Y) in international ft 538988.885
 Scale .99993710
 Convergence (dms) 0-52 45.45000
 Geoid Undulation in meters -32.928

Station Name: 1018

Latitude (dms) N 39 27 15.90979
 Longitude (dms) W 83 51 35.48634
 Orthometric Height in meters 311.165
 Orthometric Height in US survey ft 1020.880
 State Plane Zone: OHS3402
 Easting (X) in meters 482969.500
 Northing(Y) in meters 162341.235
 Easting (X) in US survey ft 1584542.435
 Northing(Y) in US survey ft 532614.535
 Easting (X) in international ft 1584545.604
 Northing(Y) in international ft 532615.600
 Scale .99993660
 Convergence (dms) 0-51 46.28000
 Geoid Undulation in meters -32.881

Station Name: 1019

Latitude (dms) N 39 27 54.01602
 Longitude (dms) W 83 49 16.93404
 Orthometric Height in meters 323.341
 Orthometric Height in US survey ft 1060.828
 State Plane Zone: OHS3402
 Easting (X) in meters 486298.659
 Northing(Y) in meters 163467.059
 Easting (X) in US survey ft 1595464.850
 Northing(Y) in US survey ft 536308.176
 Easting (X) in international ft 1595468.041
 Northing(Y) in international ft 536309.249
 Scale .99993690
 Convergence (dms) 0-50 18.37000
 Geoid Undulation in meters -32.809

Station Name: 1020

Latitude (dms) N 39 26 30.80727
 Longitude (dms) W 83 48 31.13979
 Orthometric Height in meters 317.509
 Orthometric Height in US survey ft 1041.694
 State Plane Zone: OHS3402
 Easting (X) in meters 487355.980
 Northing(Y) in meters 160885.389
 Easting (X) in US survey ft 1598933.744
 Northing(Y) in US survey ft 527838.147
 Easting (X) in international ft 1598936.942
 Northing(Y) in international ft 527839.203
 Scale .99993640
 Convergence (dms) 0-49 49.31000
 Geoid Undulation in meters -32.780

Station Name: 1021

Latitude (dms) N 39 27 11.35978
 Longitude (dms) W 83 47 3.68449
 Orthometric Height in meters 323.154
 Orthometric Height in US survey ft 1060.214
 State Plane Zone: OHS3402
 Easting (X) in meters 489464.693
 Northing(Y) in meters 162105.799
 Easting (X) in US survey ft 1605852.080
 Northing(Y) in US survey ft 531842.109
 Easting (X) in international ft 1605855.292
 Northing(Y) in international ft 531843.173
 Scale .99993660
 Convergence (dms) 0-48 53.82000
 Geoid Undulation in meters -32.729

Station Name: 1022

Latitude (dms) N 39 28 11.03361
 Longitude (dms) W 83 44 43.35620
 Orthometric Height in meters 321.472
 Orthometric Height in US survey ft 1054.696
 State Plane Zone: OHS3402
 Easting (X) in meters 492844.590
 Northing(Y) in meters 163898.862
 Easting (X) in US survey ft 1616940.959
 Northing(Y) in US survey ft 537724.850
 Easting (X) in international ft 1616944.193
 Northing(Y) in international ft 537725.925
 Scale .99993700
 Convergence (dms) 0-47 24.78000
 Geoid Undulation in meters -32.651

Station Name: 1023

Latitude (dms) N 39 27 34.98158
Longitude (dms) W 83 39 27.48597
Orthometric Height in meters 340.184
Orthometric Height in US survey ft 1116.087
State Plane Zone: OHS3402
Easting (X) in meters 500379.432
Northing(Y) in meters 162686.721
Easting (X) in US survey ft 1641661.520
Northing(Y) in US survey ft 533748.017
Easting (X) in international ft 1641664.803
Northing(Y) in international ft 533749.085
Scale .99993680
Convergence (dms) 0-44 4.35000
Geoid Undulation in meters -32.468

Station Name: 1024

Latitude (dms) N 39 29 27.91024
Longitude (dms) W 83 38 28.94843
Orthometric Height in meters 317.923
Orthometric Height in US survey ft 1043.052
State Plane Zone: OHS3402
Easting (X) in meters 501822.670
Northing(Y) in meters 166151.148
Easting (X) in US survey ft 1646396.543
Northing(Y) in US survey ft 545114.225
Easting (X) in international ft 1646399.836
Northing(Y) in international ft 545115.315
Scale .99993770
Convergence (dms) 0-43 27.21000
Geoid Undulation in meters -32.475

Station Name: 1025

Latitude (dms) N 39 23 20.79345
Longitude (dms) W 83 52 35.77103
Orthometric Height in meters 312.458
Orthometric Height in US survey ft 1025.123
State Plane Zone: OHS3402
Easting (X) in meters 481417.927
Northing(Y) in meters 155113.419
Easting (X) in US survey ft 1579451.982
Northing(Y) in US survey ft 508901.276
Easting (X) in international ft 1579455.141
Northing(Y) in international ft 508902.293
Scale .99993590
Convergence (dms) 0-52 24.53000
Geoid Undulation in meters -32.939

Station Name: 1026

Latitude (dms) N 39 24 44.90739
Longitude (dms) W 83 50 43.43662
Orthometric Height in meters 325.151
Orthometric Height in US survey ft 1066.766
State Plane Zone: OHS3402
Easting (X) in meters 484144.319
Northing(Y) in meters 157666.505
Easting (X) in US survey ft 1588396.820
Northing(Y) in US survey ft 517277.525
Easting (X) in international ft 1588399.997
Northing(Y) in international ft 517278.560
Scale .99993600
Convergence (dms) 0-51 13.26000
Geoid Undulation in meters -32.860

Station Name: 1027

Latitude (dms) N 39 22 46.79049
Longitude (dms) W 83 45 55.07029
Orthometric Height in meters 331.403
Orthometric Height in US survey ft 1087.278
State Plane Zone: OHS3402
Easting (X) in meters 490990.578
Northing(Y) in meters 153924.688
Easting (X) in US survey ft 1610858.255
Northing(Y) in US survey ft 505001.247
Easting (X) in international ft 1610861.476
Northing(Y) in international ft 505002.257
Scale .99993590
Convergence (dms) 0-48 10.28000
Geoid Undulation in meters -32.695

Station Name: 1028

Latitude (dms) N 39 22 27.21551
Longitude (dms) W 83 38 58.41273
Orthometric Height in meters 333.995
Orthometric Height in US survey ft 1095.782
State Plane Zone: OHS3402
Easting (X) in meters 500953.545
Northing(Y) in meters 153187.758
Easting (X) in US survey ft 1643545.089
Northing(Y) in US survey ft 502583.503
Easting (X) in international ft 1643548.376
Northing(Y) in international ft 502584.508
Scale .99993590
Convergence (dms) 0-43 45.90000
Geoid Undulation in meters -32.508

Station Name: 1029

Latitude (dms) N 39 17 43.20262
Longitude (dms) W 83 53 17.21826
Orthometric Height in meters 298.841
Orthometric Height in US survey ft 980.448
State Plane Zone: OHS3402
Easting (X) in meters 480266.223
Northing(Y) in meters 144719.380
Easting (X) in US survey ft 1575673.433
Northing(Y) in US survey ft 474800.166
Easting (X) in international ft 1575676.585
Northing(Y) in international ft 474801.115
Scale .99993710
Convergence (dms) 0-52 50.83000
Geoid Undulation in meters -33.076

Station Name: 1030

Latitude (dms) N 39 17 59.32608
Longitude (dms) W 83 46 23.78791
Orthometric Height in meters 328.623
Orthometric Height in US survey ft 1078.157
State Plane Zone: OHS3402
Easting (X) in meters 490178.374
Northing(Y) in meters 145070.554
Easting (X) in US survey ft 1608193.549
Northing(Y) in US survey ft 475952.309
Easting (X) in international ft 1608196.765
Northing(Y) in international ft 475953.261
Scale .99993700
Convergence (dms) 0-48 28.50000
Geoid Undulation in meters -32.780

Station Name: 2001

Latitude (dms) N 39 34 15.38897
Longitude (dms) W 83 58 38.30899
Orthometric Height in meters 272.181
Orthometric Height in US survey ft 892.980
State Plane Zone: OHS3402
Easting (X) in meters 473074.084
Northing(Y) in meters 175434.392
Easting (X) in US survey ft 1552077.224
Northing(Y) in US survey ft 575571.001
Easting (X) in international ft 1552080.328
Northing(Y) in international ft 575572.152
Scale .99994120
Convergence (dms) 0-56 14.57000
Geoid Undulation in meters -33.070

Station Name: 2002

Latitude (dms) N 39 33 30.90876
Longitude (dms) W 83 50 53.46066
Orthometric Height in meters 307.209
Orthometric Height in US survey ft 1007.902
State Plane Zone: OHS3402
Easting (X) in meters 484146.737
Northing(Y) in meters 173889.257
Easting (X) in US survey ft 1588404.753
Northing(Y) in US survey ft 570501.671
Easting (X) in international ft 1588407.930
Northing(Y) in international ft 570502.812
Scale .99994050
Convergence (dms) 0-51 19.62000
Geoid Undulation in meters -32.903

Station Name: 2003

Latitude (dms) N 39 33 1.21493
Longitude (dms) W 83 44 41.13101
Orthometric Height in meters 317.117
Orthometric Height in US survey ft 1040.408
State Plane Zone: OHS3402
Easting (X) in meters 493021.125
Northing(Y) in meters 172846.018
Easting (X) in US survey ft 1617520.141
Northing(Y) in US survey ft 567078.977
Easting (X) in international ft 1617523.376
Northing(Y) in international ft 567080.112
Scale .99994010
Convergence (dms) 0-47 23.37000
Geoid Undulation in meters -32.749

Station Name: 2004

Latitude (dms) N 39 32 41.18304
Longitude (dms) W 83 37 8.88956
Orthometric Height in meters 314.038
Orthometric Height in US survey ft 1030.306
State Plane Zone: OHS3402
Easting (X) in meters 503809.329
Northing(Y) in meters 172086.988
Easting (X) in US survey ft 1652914.440
Northing(Y) in US survey ft 564588.726
Easting (X) in international ft 1652917.746
Northing(Y) in international ft 564589.856
Scale .99993980
Convergence (dms) 0-42 36.41000
Geoid Undulation in meters -32.499

Station Name: 2005

Latitude (dms) N 39 27 32.35738
Longitude (dms) W 83 35 4.52685
Orthometric Height in meters 318.305
Orthometric Height in US survey ft 1044.306
State Plane Zone: OHS3402
Easting (X) in meters 506663.984
Northing(Y) in meters 162527.758
Easting (X) in US survey ft 1662280.088
Northing(Y) in US survey ft 533226.486
Easting (X) in international ft 1662283.412
Northing(Y) in international ft 533227.552
Scale .99993680
Convergence (dms) 0-41 17.50000
Geoid Undulation in meters -32.390

Station Name: 2008

Latitude (dms) N 39 20 8.92936
Longitude (dms) W 83 40 42.68460
Orthometric Height in meters 360.797
Orthometric Height in US survey ft 1183.715
State Plane Zone: OHS3402
Easting (X) in meters 498402.445
Northing(Y) in meters 148955.887
Easting (X) in US survey ft 1635175.355
Northing(Y) in US survey ft 488699.439
Easting (X) in international ft 1635178.625
Northing(Y) in international ft 488700.417
Scale .99993630
Convergence (dms) 0-44 52.07000
Geoid Undulation in meters -32.594

Station Name: 2006

Latitude (dms) N 39 22 37.90489
Longitude (dms) W 83 35 38.32617
Orthometric Height in meters 319.979
Orthometric Height in US survey ft 1049.798
State Plane Zone: OHS3402
Easting (X) in meters 505746.058
Northing(Y) in meters 153457.879
Easting (X) in US survey ft 1659268.525
Northing(Y) in US survey ft 503469.725
Easting (X) in international ft 1659271.844
Northing(Y) in international ft 503470.732
Scale .99993590
Convergence (dms) 0-41 38.94000
Geoid Undulation in meters -32.470

Station Name: 2009

Latitude (dms) N 39 15 29.07111
Longitude (dms) W 83 50 27.45786
Orthometric Height in meters 307.523
Orthometric Height in US survey ft 1008.932
State Plane Zone: OHS3402
Easting (X) in meters 484271.969
Northing(Y) in meters 140522.132
Easting (X) in US survey ft 1588815.618
Northing(Y) in US survey ft 461029.695
Easting (X) in international ft 1588818.796
Northing(Y) in international ft 461030.617
Scale .99993830
Convergence (dms) 0-51 3.12000
Geoid Undulation in meters -33.005

Station Name: 2007

Latitude (dms) N 39 20 21.59763
Longitude (dms) W 83 40 2.80788
Orthometric Height in meters 350.800
Orthometric Height in US survey ft 1150.916
State Plane Zone: OHS3402
Easting (X) in meters 499362.351
Northing(Y) in meters 149334.107
Easting (X) in US survey ft 1638324.647
Northing(Y) in US survey ft 489940.316
Easting (X) in international ft 1638327.923
Northing(Y) in international ft 489941.296
Scale .99993620
Convergence (dms) 0-44 26.76000
Geoid Undulation in meters -32.577

Station Name: 2010

Latitude (dms) N 39 15 19.71531
Longitude (dms) W 83 54 4.43605
Orthometric Height in meters 302.361
Orthometric Height in US survey ft 991.996
State Plane Zone: OHS3402
Easting (X) in meters 479066.311
Northing(Y) in meters 140312.643
Easting (X) in US survey ft 1571736.722
Northing(Y) in US survey ft 460342.396
Easting (X) in international ft 1571739.865
Northing(Y) in international ft 460343.317
Scale .99993840
Convergence (dms) 0-53 20.79000
Geoid Undulation in meters -33.173

Station Name: 2011

Latitude (dms) N 39 15 30.39288
Longitude (dms) W 83 59 58.46454
Orthometric Height in meters 294.617
Orthometric Height in US survey ft 966.589
State Plane Zone: OHS3402
Easting (X) in meters 470585.168
Northing(Y) in meters 140778.190
Easting (X) in US survey ft 1543911.505
Northing(Y) in US survey ft 461869.778
Easting (X) in international ft 1543914.593
Northing(Y) in international ft 461870.702
Scale .99993830
Convergence (dms) 0-57 5.43000
Geoid Undulation in meters -33.410

Station Name: 2012

Latitude (dms) N 39 16 46.38287
Longitude (dms) W 83 58 37.12757
Orthometric Height in meters 295.005
Orthometric Height in US survey ft 967.862
State Plane Zone: OHS3402
Easting (X) in meters 472573.173
Northing(Y) in meters 143089.054
Easting (X) in US survey ft 1550433.818
Northing(Y) in US survey ft 469451.338
Easting (X) in international ft 1550436.919
Northing(Y) in international ft 469452.277
Scale .99993760
Convergence (dms) 0-56 13.82000
Geoid Undulation in meters -33.326

Station Name: 2013

Latitude (dms) N 39 18 42.63876
Longitude (dms) W 83 59 9.77285
Orthometric Height in meters 291.339
Orthometric Height in US survey ft 955.835
State Plane Zone: OHS3402
Easting (X) in meters 471849.884
Northing(Y) in meters 146686.418
Easting (X) in US survey ft 1548060.828
Northing(Y) in US survey ft 481253.690
Easting (X) in international ft 1548063.924
Northing(Y) in international ft 481254.652
Scale .99993670
Convergence (dms) 0-56 34.54000
Geoid Undulation in meters -33.299

Station Name: 2014

Latitude (dms) N 39 24 30.43257
Longitude (dms) W 83 58 23.32981
Orthometric Height in meters 246.672
Orthometric Height in US survey ft 809.290
State Plane Zone: OHS3402
Easting (X) in meters 473137.261
Northing(Y) in meters 157391.879
Easting (X) in US survey ft 1552284.497
Northing(Y) in US survey ft 516376.523
Easting (X) in international ft 1552287.602
Northing(Y) in international ft 516377.556
Scale .99993600
Convergence (dms) 0-56 5.07000
Geoid Undulation in meters -33.153

Station Name: 2015

Latitude (dms) N 39 28 54.30155
Longitude (dms) W 83 56 16.48401
Orthometric Height in meters 301.765
Orthometric Height in US survey ft 990.041
State Plane Zone: OHS3402
Easting (X) in meters 476300.894
Northing(Y) in meters 165479.139
Easting (X) in US survey ft 1562663.850
Northing(Y) in US survey ft 542909.475
Easting (X) in international ft 1562666.975
Northing(Y) in international ft 542910.561
Scale .99993740
Convergence (dms) 0-54 44.58000
Geoid Undulation in meters -33.023

Station Name: 2016

Latitude (dms) N 39 31 37.88598
Longitude (dms) W 83 50 50.56655
Orthometric Height in meters 313.917
Orthometric Height in US survey ft 1029.909
State Plane Zone: OHS3402
Easting (X) in meters 484163.808
Northing(Y) in meters 170403.143
Easting (X) in US survey ft 1588460.760
Northing(Y) in US survey ft 559064.312
Easting (X) in international ft 1588463.937
Northing(Y) in international ft 559065.430
Scale .99993900
Convergence (dms) 0-51 17.78000
Geoid Undulation in meters -32.883

Station Name: 2017

Latitude (dms) N 39 28 7.84184
 Longitude (dms) W 83 52 56.30743
 Orthometric Height in meters 280.589
 Orthometric Height in US survey ft 920.566
 State Plane Zone: OHS3402
 Easting (X) in meters 481062.072
 Northing(Y) in meters 163971.872
 Easting (X) in US survey ft 1578284.481
 Northing(Y) in US survey ft 537964.383
 Easting (X) in international ft 1578287.638
 Northing(Y) in international ft 537965.459
 Scale .99993700
 Convergence (dms) 0-52 37.56000
 Geoid Undulation in meters -32.922

Station Name: 2018

Latitude (dms) N 39 27 22.91185
 Longitude (dms) W 83 51 48.12518
 Orthometric Height in meters 310.614
 Orthometric Height in US survey ft 1019.073
 State Plane Zone: OHS3402
 Easting (X) in meters 482670.642
 Northing(Y) in meters 162561.696
 Easting (X) in US survey ft 1583561.931
 Northing(Y) in US survey ft 533337.831
 Easting (X) in international ft 1583565.098
 Northing(Y) in international ft 533338.898
 Scale .99993670
 Convergence (dms) 0-51 54.30000
 Geoid Undulation in meters -32.888

Station Name: 2019

Latitude (dms) N 39 28 4.42046
 Longitude (dms) W 83 49 13.08798
 Orthometric Height in meters 324.087
 Orthometric Height in US survey ft 1063.275
 State Plane Zone: OHS3402
 Easting (X) in meters 486395.273
 Northing(Y) in meters 163786.534
 Easting (X) in US survey ft 1595781.825
 Northing(Y) in US survey ft 537356.320
 Easting (X) in international ft 1595785.016
 Northing(Y) in international ft 537357.395
 Scale .99993700
 Convergence (dms) 0-50 15.93000
 Geoid Undulation in meters -32.809

Station Name: 2020

Latitude (dms) N 39 26 32.47881
 Longitude (dms) W 83 48 24.61266
 Orthometric Height in meters 321.269
 Orthometric Height in US survey ft 1054.030
 State Plane Zone: OHS3402
 Easting (X) in meters 487512.780
 Northing(Y) in meters 160934.671
 Easting (X) in US survey ft 1599448.179
 Northing(Y) in US survey ft 527999.833
 Easting (X) in international ft 1599451.378
 Northing(Y) in international ft 528000.889
 Scale .99993640
 Convergence (dms) 0-49 45.17000
 Geoid Undulation in meters -32.776

Station Name: 2021

Latitude (dms) N 39 27 3.31974
 Longitude (dms) W 83 46 54.47085
 Orthometric Height in meters 323.426
 Orthometric Height in US survey ft 1061.107
 State Plane Zone: OHS3402
 Easting (X) in meters 489681.423
 Northing(Y) in meters 161854.755
 Easting (X) in US survey ft 1606563.135
 Northing(Y) in US survey ft 531018.475
 Easting (X) in international ft 1606566.348
 Northing(Y) in international ft 531019.537
 Scale .99993660
 Convergence (dms) 0-48 47.97000
 Geoid Undulation in meters -32.723

Station Name: 2022

Latitude (dms) N 39 28 3.65594
 Longitude (dms) W 83 44 53.59796
 Orthometric Height in meters 320.912
 Orthometric Height in US survey ft 1052.859
 State Plane Zone: OHS3402
 Easting (X) in meters 492596.675
 Northing(Y) in meters 163674.749
 Easting (X) in US survey ft 1616127.591
 Northing(Y) in US survey ft 536989.572
 Easting (X) in international ft 1616130.823
 Northing(Y) in international ft 536990.646
 Scale .99993690
 Convergence (dms) 0-47 31.28000
 Geoid Undulation in meters -32.656

Station Name: 2023

Latitude (dms) N 39 27 26.55745
 Longitude (dms) W 83 39 18.30904
 Orthometric Height in meters 337.148
 Orthometric Height in US survey ft 1106.126
 State Plane Zone: OHS3402
 Easting (X) in meters 500595.464
 Northing(Y) in meters 162424.148
 Easting (X) in US survey ft 1642370.285
 Northing(Y) in US survey ft 532886.559
 Easting (X) in international ft 1642373.570
 Northing(Y) in international ft 532887.625
 Scale .99993670
 Convergence (dms) 0-43 58.53000
 Geoid Undulation in meters -32.463

Station Name: 2026

Latitude (dms) N 39 24 33.32418
 Longitude (dms) W 83 50 53.70807
 Orthometric Height in meters 323.880
 Orthometric Height in US survey ft 1062.596
 State Plane Zone: OHS3402
 Easting (X) in meters 483893.309
 Northing(Y) in meters 157313.008
 Easting (X) in US survey ft 1587573.298
 Northing(Y) in US survey ft 516117.760
 Easting (X) in international ft 1587576.473
 Northing(Y) in international ft 516118.793
 Scale .99993600
 Convergence (dms) 0-51 19.77000
 Geoid Undulation in meters -32.866

Station Name: 2024

Latitude (dms) N 39 29 31.32706
 Longitude (dms) W 83 38 14.99652
 Orthometric Height in meters 317.250
 Orthometric Height in US survey ft 1040.844
 State Plane Zone: OHS3402
 Easting (X) in meters 502157.340
 Northing(Y) in meters 166252.302
 Easting (X) in US survey ft 1647494.540
 Northing(Y) in US survey ft 545446.094
 Easting (X) in international ft 1647497.835
 Northing(Y) in international ft 545447.185
 Scale .99993770
 Convergence (dms) 0-43 18.36000
 Geoid Undulation in meters -32.471

Station Name: 2027

Latitude (dms) N 39 22 53.65908
 Longitude (dms) W 83 45 44.68780
 Orthometric Height in meters 326.511
 Orthometric Height in US survey ft 1071.228
 State Plane Zone: OHS3402
 Easting (X) in meters 491241.990
 Northing(Y) in meters 154133.001
 Easting (X) in US survey ft 1611683.096
 Northing(Y) in US survey ft 505684.687
 Easting (X) in international ft 1611686.319
 Northing(Y) in international ft 505685.699
 Scale .99993590
 Convergence (dms) 0-48 3.69000
 Geoid Undulation in meters -32.688

Station Name: 2025

Latitude (dms) N 39 23 14.81058
 Longitude (dms) W 83 52 49.81262
 Orthometric Height in meters 298.717
 Orthometric Height in US survey ft 980.041
 State Plane Zone: OHS3402
 Easting (X) in meters 481079.144
 Northing(Y) in meters 154934.072
 Easting (X) in US survey ft 1578340.492
 Northing(Y) in US survey ft 508312.868
 Easting (X) in international ft 1578343.648
 Northing(Y) in international ft 508313.885
 Scale .99993590
 Convergence (dms) 0-52 33.44000
 Geoid Undulation in meters -32.949

Station Name: 2028

Latitude (dms) N 39 22 23.58737
 Longitude (dms) W 83 39 12.23433
 Orthometric Height in meters 333.831
 Orthometric Height in US survey ft 1095.244
 State Plane Zone: OHS3402
 Easting (X) in meters 500621.336
 Northing(Y) in meters 153080.103
 Easting (X) in US survey ft 1642455.167
 Northing(Y) in US survey ft 502230.305
 Easting (X) in international ft 1642458.451
 Northing(Y) in international ft 502231.309
 Scale .99993590
 Convergence (dms) 0-43 54.67000
 Geoid Undulation in meters -32.514

Station Name: 2029

Latitude (dms) N 39 17 48.48395
 Longitude (dms) W 83 53 7.70060
 Orthometric Height in meters 299.140
 Orthometric Height in US survey ft 981.429
 State Plane Zone: OHS3402
 Easting (X) in meters 480496.747
 Northing(Y) in meters 144878.720
 Easting (X) in US survey ft 1576429.744
 Northing(Y) in US survey ft 475322.934
 Easting (X) in international ft 1576432.897
 Northing(Y) in international ft 475323.885
 Scale .99993710
 Convergence (dms) 0-52 44.79000
 Geoid Undulation in meters -33.067

Station Name: 2030

Latitude (dms) N 39 18 7.87620
 Longitude (dms) W 83 46 36.04815
 Orthometric Height in meters 329.593
 Orthometric Height in US survey ft 1081.340
 State Plane Zone: OHS3402
 Easting (X) in meters 489888.381
 Northing(Y) in meters 145338.337
 Easting (X) in US survey ft 1607242.130
 Northing(Y) in US survey ft 476830.861
 Easting (X) in international ft 1607245.344
 Northing(Y) in international ft 476831.814
 Scale .99993690
 Convergence (dms) 0-48 36.28000
 Geoid Undulation in meters -32.785

Station Name: 3001

Latitude (dms) N 39 26 20.37708
 Longitude (dms) W 83 51 5.26545
 Orthometric Height in meters 298.864
 Orthometric Height in US survey ft 980.523
 State Plane Zone: OHS3402
 Easting (X) in meters 483666.270
 Northing(Y) in meters 160618.060
 Easting (X) in US survey ft 1586828.421
 Northing(Y) in US survey ft 526961.085
 Easting (X) in international ft 1586831.594
 Northing(Y) in international ft 526962.139
 Scale .99993630
 Convergence (dms) 0-51 27.11000
 Geoid Undulation in meters -32.867

Station Name: 3002

Latitude (dms) N 39 25 44.28303
 Longitude (dms) W 83 49 42.76482
 Orthometric Height in meters 316.601
 Orthometric Height in US survey ft 1038.715
 State Plane Zone: OHS3402
 Easting (X) in meters 485622.430
 Northing(Y) in meters 159475.839
 Easting (X) in US survey ft 1593246.256
 Northing(Y) in US survey ft 523213.648
 Easting (X) in international ft 1593249.442
 Northing(Y) in international ft 523214.695
 Scale .99993620
 Convergence (dms) 0-50 34.76000
 Geoid Undulation in meters -32.821

Station Name: 3003

Latitude (dms) N 39 26 42.12017
 Longitude (dms) W 83 49 38.11754
 Orthometric Height in meters 307.113
 Orthometric Height in US survey ft 1007.587
 State Plane Zone: OHS3402
 Easting (X) in meters 485759.775
 Northing(Y) in meters 161257.593
 Easting (X) in US survey ft 1593696.862
 Northing(Y) in US survey ft 529059.286
 Easting (X) in international ft 1593700.049
 Northing(Y) in international ft 529060.344
 Scale .99993650
 Convergence (dms) 0-50 31.81000
 Geoid Undulation in meters -32.819

Station Name: 3004

Latitude (dms) N 39 27 26.46819
 Longitude (dms) W 83 48 40.55773
 Orthometric Height in meters 319.839
 Orthometric Height in US survey ft 1049.338
 State Plane Zone: OHS3402
 Easting (X) in meters 487155.736
 Northing(Y) in meters 162604.950
 Easting (X) in US survey ft 1598276.777
 Northing(Y) in US survey ft 533479.740
 Easting (X) in international ft 1598279.974
 Northing(Y) in international ft 533480.807
 Scale .99993670
 Convergence (dms) 0-49 55.29000
 Geoid Undulation in meters -32.788

Station Name: 4001

Latitude (dms) N 39 26 29.29993
 Longitude (dms) W 83 51 6.18921
 Orthometric Height in meters 309.996
 Orthometric Height in US survey ft 1017.045
 State Plane Zone: OHS3402
 Easting (X) in meters 483648.303
 Northing(Y) in meters 160893.523
 Easting (X) in US survey ft 1586769.474
 Northing(Y) in US survey ft 527864.833
 Easting (X) in international ft 1586772.648
 Northing(Y) in international ft 527865.889
 Scale .99993640
 Convergence (dms) 0-51 27.69000
 Geoid Undulation in meters -32.867

Station Name: 4002

Latitude (dms) N 39 25 35.33632
 Longitude (dms) W 83 49 35.82201
 Orthometric Height in meters 318.139
 Orthometric Height in US survey ft 1043.761
 State Plane Zone: OHS3402
 Easting (X) in meters 485784.399
 Northing(Y) in meters 159197.529
 Easting (X) in US survey ft 1593777.649
 Northing(Y) in US survey ft 522300.560
 Easting (X) in international ft 1593780.837
 Northing(Y) in international ft 522301.604
 Scale .99993620
 Convergence (dms) 0-50 30.35000
 Geoid Undulation in meters -32.818

Station Name: 4003

Latitude (dms) N 39 26 37.42592
 Longitude (dms) W 83 49 25.56106
 Orthometric Height in meters 312.818
 Orthometric Height in US survey ft 1026.304
 State Plane Zone: OHS3402
 Easting (X) in meters 486057.844
 Northing(Y) in meters 161108.440
 Easting (X) in US survey ft 1594674.777
 Northing(Y) in US survey ft 528569.940
 Easting (X) in international ft 1594677.966
 Northing(Y) in international ft 528570.997
 Scale .99993650
 Convergence (dms) 0-50 23.84000
 Geoid Undulation in meters -32.812

Station Name: 4004

Latitude (dms) N 39 27 20.28258
 Longitude (dms) W 83 48 47.67017
 Orthometric Height in meters 318.408
 Orthometric Height in US survey ft 1044.644
 State Plane Zone: OHS3402
 Easting (X) in meters 486982.952
 Northing(Y) in meters 162416.688
 Easting (X) in US survey ft 1597709.902
 Northing(Y) in US survey ft 532862.084
 Easting (X) in international ft 1597713.097
 Northing(Y) in international ft 532863.150
 Scale .99993670
 Convergence (dms) 0-49 59.80000
 Geoid Undulation in meters -32.791

Station Name: 5001

Latitude (dms) N 39 14 26.45977
 Longitude (dms) W 83 59 41.20231
 Orthometric Height in meters 294.584
 Orthometric Height in US survey ft 966.481
 State Plane Zone: OHS3402
 Easting (X) in meters 470966.315
 Northing(Y) in meters 138800.089
 Easting (X) in US survey ft 1545161.985
 Northing(Y) in US survey ft 455379.959
 Easting (X) in international ft 1545165.075
 Northing(Y) in international ft 455380.869
 Scale .99993900
 Convergence (dms) 0-56 54.48000
 Geoid Undulation in meters -33.428

Station Name: 5002

Latitude (dms) N 39 15 25.20170
 Longitude (dms) W 84 0 45.96431
 Orthometric Height in meters 279.505
 Orthometric Height in US survey ft 917.009
 State Plane Zone: OHS3402
 Easting (X) in meters 469443.903
 Northing(Y) in meters 140637.125
 Easting (X) in US survey ft 1540167.205
 Northing(Y) in US survey ft 461406.968
 Easting (X) in international ft 1540170.285
 Northing(Y) in international ft 461407.890
 Scale .99993840
 Convergence (dms) 0-57 35.57000
 Geoid Undulation in meters -33.443

Station Name: 5003

Latitude (dms) N 39 20 6.69120
Longitude (dms) W 83 59 59.33477
Orthometric Height in meters 287.577
Orthometric Height in US survey ft 943.492
State Plane Zone: OHS3402
Easting (X) in meters 470705.821
Northing(Y) in meters 149297.647
Easting (X) in US survey ft 1544307.348
Northing(Y) in US survey ft 489820.697
Easting (X) in international ft 1544310.436
Northing(Y) in international ft 489821.677
Scale .99993630
Convergence (dms) 0-57 5.98000
Geoid Undulation in meters -33.301

Station Name: 5004

Latitude (dms) N 39 24 5.88495
Longitude (dms) W 83 59 34.05620
Orthometric Height in meters 242.469
Orthometric Height in US survey ft 795.500
State Plane Zone: OHS3402
Easting (X) in meters 471433.030
Northing(Y) in meters 156662.773
Easting (X) in US survey ft 1546693.199
Northing(Y) in US survey ft 513984.448
Easting (X) in international ft 1546696.293
Northing(Y) in international ft 513985.476
Scale .99993590
Convergence (dms) 0-56 49.94000
Geoid Undulation in meters -33.206

Station Name: 5005

Latitude (dms) N 39 29 48.41140
Longitude (dms) W 83 59 0.99171
Orthometric Height in meters 285.470
Orthometric Height in US survey ft 936.579
State Plane Zone: OHS3402
Easting (X) in meters 472397.523
Northing(Y) in meters 167211.164
Easting (X) in US survey ft 1549857.540
Northing(Y) in US survey ft 548591.961
Easting (X) in international ft 1549860.640
Northing(Y) in international ft 548593.058
Scale .99993780
Convergence (dms) 0-56 28.96000
Geoid Undulation in meters -33.103